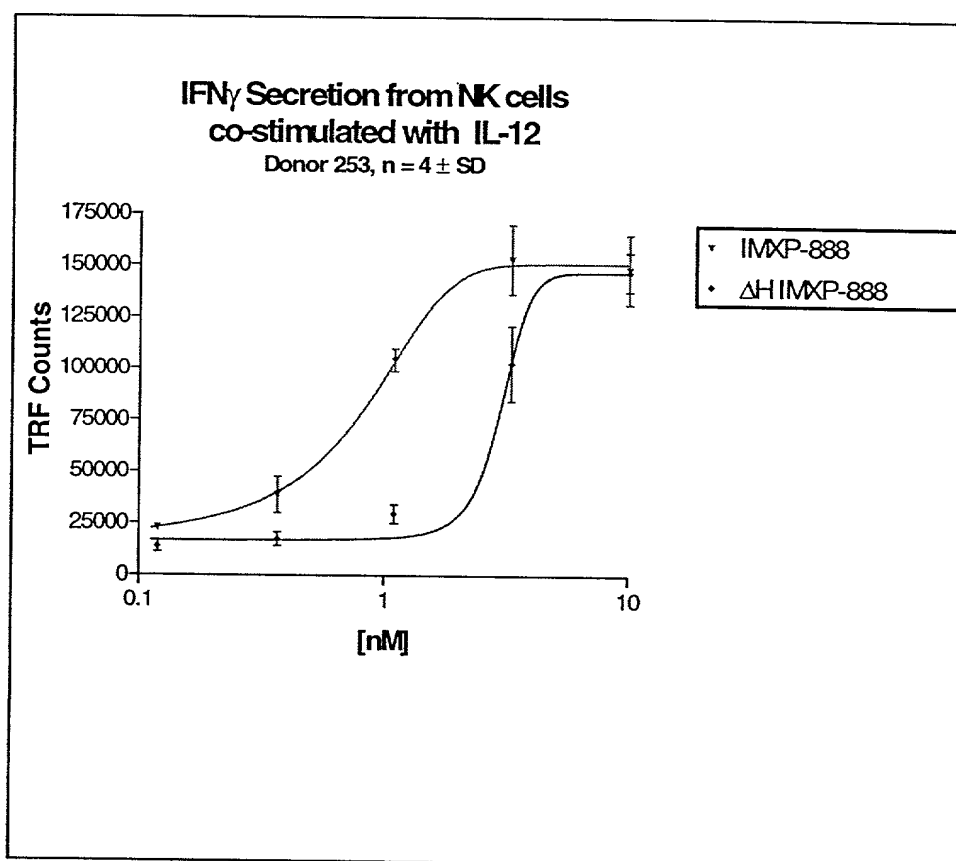


FIGURE 1



mumlsa3935c7.pep x mumlsa3935c2.pep (Murine splice variants)

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1 MTRSPALLLLLLLGALPSAEAAARGPPRMADKVVPRQVARLGRTVRLQCPVE 50
  |||||
1 MTRSPALLLLLLLGALPSAEAAAR..... 22
  .
  .

101 FGSLSVNYTLIIIMDDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSK 150
      |||||
23 .....DDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSK 59

151 MRRRVVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKW 200
      |||||
60 MRRRVVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKW 109

201 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTSRKPVLGTGTHPV 250
      |||||
110 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTSRKPVLGTGTHPV 159

251 NTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 300
      |||||
160 NTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 209

301 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 350
      |||||
210 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 259

351 VLPDPKPPGPPMASSSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKK 400
      |||||
260 VLPDPKPPGPPMASSSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKK 309

401 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 450
      |||||
310 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 359

451 SGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 500
      |||||
360 SGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 409

501 NLQALCPEVGIWGPRQQVGRIENNGGRVS 529
      |||||
410 NLQALCPEVGIWGPRQQVGRIENNGGRVS 438

```

FIGURE 2

Mouse: 1	MTRSPALLLLL-----LGALPSAEAAAGPPRMADKVVPRQVARLGRVRLQCPVEGDPPL	56
Human: 1		
Mouse: 57	MTSPPLLLLPLPPLLLGAFPPAAAGPPKMADKVVPRQVARLGRVRLQCPVEGDPPL	60
Human: 61		
Mouse: 117	TMWTKDGRTHSGWSRFRVLPQGLKVKEVEAEADAGVVCATNGFGLSVNYTLIIMDDI	116
Human: 121		
Mouse: 177	TMWTKDGRTHSGWSRFRVLPQGLKVQVEREDAGVVCATNGFGLSVNYTLVVLDDI	120
Human: 181		
Mouse: 237	SPGKESPGGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP	176
Human: 241		
Mouse: 297	SPGKESLGPDSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP	180
Human: 301		
Mouse: 357	DIMWMKDDQTLTHLEAASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ	236
Human: 361		
Mouse: 417	DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ	240
Human: 421		
Mouse: 470	RTRSKPVLTTGTHPVNTTVDFGGTTSFQCKVRSVKPVIQWLKRVEYSGEGRHNSTIDVGG	296
Human: 481		
Mouse: 529	RTRSKPVLTTGTHPVNTTVDFGGTTSFQCKVRSVKPVIQWLKRVEYGAEGRHNSTIDVGG	300
Human: 533		
Mouse: 589	QKFVVLPTGDIVWSRDPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLTVPDPK	356
Human: 593		
Mouse: 649	QKFVVLPTGDIVWSRDPDGSYLNKLLITRARQDDAGMYICLGANTMGYSFRSAFLTVPDPK	360
Human: 653		
Mouse: 709	PPGPPMASSSSSTSLPWPVVGIPAGAVFILGTVLWLWCQTKKKPCAPASTLPVPGHRPP	416
Human: 713		
Mouse: 769	PPGPPVASSSSATSLPWPVVGIPAGAVFILGTLLWLWCQAQKKPCTPAPAPPLPGHRPP	420
Human: 773		
Mouse: 829	GTSRERSGDKDLPSLA-----VGICEEHGSAMAPQHILASGSTAGPKLYPKLYTDVHT	469
Human: 833		
Mouse: 889	GTARDSGDKDLPSLAALSAGPGVGLCEEHGSAPAPQHLLGPGPVAGPKLYPKLYTDIHT	480
Human: 893		
Mouse: 939	HTHTHTCTHTLSCGGQGSSTPACPLSVLNTA NLQALCPEVGIWGPQQVGRIENNGRVS	529
Human: 943		
Mouse: 999	HTHTHSHTHSHVEGKVHQHIHYQC 504 (SEQ ID NO:3)	
Human: 1003		

FIGURE 3